



SINCE 1848

The Knapheide Manufacturing Company

1848 Westphalia Strasse ■ P.O. Box 7140

Quincy, Illinois 62305-7140 ■ TEL: (217) 222-7131 ■ FAX: (217) 222-7550

FACSIMILE COMMUNICATIONDATE: 12/10/98PLEASE DELIVER PAGES TO: Peter Sam, USEPA
Copied Scott Schulte, TetratexSENT BY: Bernie Ott

PHONE NUMBER: 217-222-7131

FAX NUMBER: 217-222-7550

TOTAL NUMBER OF PAGES SENT, INCLUDING COVER SHEET 6

MESSAGE OR COMMENTS:

Please see copies of:1) State of IL Operating Permit2) Projected 1998 E-Coat Emission Summary3) Title V Application Completeness Determination4) EPA Consent Order Penalty, Payment, Offsets, and BalanceNote that the E-Coat System is addressed in the permit as 1 of 4 bake ovens and the natural gas fired boiler is also part of the E-Coat System.The E-coat system is addressed as an oven because that's where the emissions occur.The Title V Permit became necessary during 1998 when we projected 1998 Annual HAP Emissions would exceed 10 tpy of an individual HAP (Glycol Ethers).

R00144750

RCRA RECORDS CENTER



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

P.O. Box 19506, Springfield, IL 62794-9506

217/782-2113

OPERATING PERMIT

PERMITTEE

Knapheide Manufacturing Company
 Attn: Garry Korb
 436 South Sixth Street
 P.O. Box C140
 Quincy, Illinois 62306-2140

Application No.: 95110091I.D. No.: 001806AATApplicant's Designation:Date Received: March 11, 1997Subject: Manufacturing of Truck EquipmentDate Issued: March 28, 1997Expiration Date: March 28, 2002Location: 3109 North 30th Street, Quincy

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of five (5) paint booths with filters, four (4) bake ovens, one (1) natural gas fired boiler, welding equipment, woodworking machine with cyclone dust collector, phosphate pre-treatment, 3-stage rinse system, and a controlled pyrolysis cleaning furnace as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. Usage of coatings, volatile organic material (VOM) of each coating, VOM emissions from the coating operations, and from the bake ovens shall not exceed the following limits:

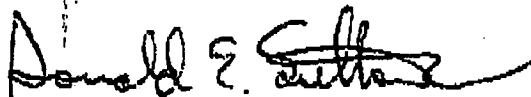
<u>Paint Booths</u>	<u>Usage</u>		<u>VOM Content</u> <u>(lb/gal)</u>	<u>VOM Emissions</u>	
	<u>(Gal/Mo)</u>	<u>(Gal/Yr)</u>		<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
S/A, Platform	12,000	35,000	3.5	21.00	61.25
Utility Bodies	500	1,200	3.5	0.88	2.10
Undercoat	3,000	9,000	3.5	5.25	15.75

- b. Compliance with annual limits shall be determined from a running total of 12 months of data.
2. Emissions of nitrogen oxides (NO_x) from the 5 mmBtu/hr gas fired boiler shall not exceed 0.5 lb/hr and 1.25 ton/yr.
3. Emissions of particulate matter (PM) from the four (4) paint booths shall not exceed 2.15 lb/hr and 5.37 tons/yr. These limits are based on 90% control and 5,000 hours of operation.
4. This permit is issued based on negligible emissions of particulate matter from the welding equipment, woodworking operations/cyclone, phosphate pre-treatment, and 3-stage rinse system. For this purpose emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.
- 5a. The Permittee shall maintain records of the following items, and such other items as may be appropriate to allow the Agency to review compliance with the limits in Condition 1 through 3.

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- i. Coating usage (gal/month)
 - ii. VOM content of each coating (lb of VOM/gal)
 - iii. VOM emissions (lb/month)
- b. These records shall be retained for two years and shall be available for inspection by the Agency.
6. This permit is issued based on negligible emissions of particulate matter, nitrogen oxides, carbon monoxide, and volatile organic material from the pyrolysis cleaning furnace. For this purpose emissions of each contaminant shall not exceed nominal emission rate of 0.1 lb/hr and 0.44 ton/yr.

If you have any questions on this, please call Mohamed Anane at 217/782-2113.



Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:MA:jar

cc: Region 2

**The Knapheide Manufacturing Company
1998 E-Coat VOC Emission Summary**

	Resin	Paste	Make-up Solvent	Total
Usage 1/1/98 to 11/23/98, (gal)	20581	3727	2453	26761
Projected Usage 11/24/98 to 12/31/98, (gal) ^a	1694	307	202	2203
Projected 1998 total gallons ^a	22275	4034	2655	28964
VOC (lb/gal)	0.62	1.1	7.52	
Projected 1998 total VOC, (lb) ^a	13810	4437	19965	38212
Water Content, (%)	59%	32%	0%	
Projected Water (gal) ^a	13142	1291	0	14433
Projected 1998 gallons minus water ^a	9133	2743	2655	14531
Average Projected 1998 VOC, (lb/gal) ^a				2.6

a) Estimated based on 11 months of actual data.



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director
217/785-5151

P. O. Box 19506, Springfield, IL 62794-9506

CAAPP APPLICATION COMPLETENESS DETERMINATION
AND SOURCE FEE DETERMINATION

APPLICANT

Knapheide Mfg. Co.
Attn: Bernie Ott
P.O. Box 7140
Quincy, Illinois 62306

Date of Determination: September 29, 1998
Application/Permit No.: 98090055
I.D. Number: 001806AAT
Date Received: September 18, 1998
Source Name:
Location of Source: 3109 North 30th Street, Quincy

Dear Mr. Ott:

This letter provides notification that your Clean Air Act Permit Program (CAAPP) application received on the date indicated above, has been determined by the Agency to be complete pursuant to Section 39.5(5) of the Illinois Environmental Protection Act (Act).

As provided in Section 39.5(18) of the Act, a CAAPP source shall pay a fee. Attached is the annual fee bill for this CAAPP source as determined from information included in your application, on form 292-CAAPP - FEE DETERMINATION FOR CAAPP PERMIT. Payment of the fee is due within 45 days of the billing date indicated on the billing statement.

Notwithstanding the completeness determination, the Agency may request additional information necessary to evaluate or take final action on the CAAPP application. If such additional information affects your allowable emission limits, a revised form 292-CAAPP-FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Agency the requested information within the time frame specified by the Agency, may force the Agency to deny your CAAPP application pursuant to Section 39.5 of the Act.

If you have any questions regarding this matter, please contact the Division of Air Pollution Control Permit Section at 217/785-5151.

Sincerely,

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:YMC:jar

Enclosure(s)

cc: FOS, Region 2
Application File
Compliance & Systems Management Section

EPA Consent Order Penalty, Payment, Offsets, and Balance

		Offset	Balance
2/22/93	Penalty assessment		\$428,533
2/22/93	Payment required by consent agreement	\$110,368	\$318,165
2/22/93	"Plan" expenses \$16,355.00 @ 60%	\$9,813	\$308,352
Environmental Audit			
8/1/93	\$19,332.61 @ 60%	\$11,600	\$296,752
9/1/93	\$536.60 @ 60%	\$322	\$296,430
10/1/93	\$952.00 @ 60%	\$571	\$295,859
EPA 10/4/96 Correspondence			
10/4/96	SEP 1 a. 1. \$79,667.11 @ 5%	\$3,983	\$291,876
10/4/96	SEP 1 a. 2. \$7,488.37 @ 10%	\$749	\$291,127
10/4/96	SEP 1 b. \$26,486.36 @ 15%	\$3,973	\$287,154
10/4/96	SEP 3 \$209,675.00 @ 25%	\$52,419	\$234,735